

GenCore version 5.1.3
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OW protein - protein search, using sw model

Run on: March 14, 2003, 05:26:26 ; Search time 18.3596 Seconds
(without alignments)
647.715 Million cell updates/sec

Title: US-09-698-781-3

Perfect score: 1436
Sequence: 1 MKQILHPALERTATLTLPVL.....KHQVLRSCASCNSNSIT 258

Scoring table:

BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database:

Published Applications, AA.*
1: /cgn2_6/ptodata/2/pubppa/US08_NEM_PUB.pep.*
2: /cgn2_6/ptodata/2/pubppa/PCR_NEM_PUB.pep.*
3: /cgn2_6/ptodata/2/pubppa/US06_NEM_PUB.pep.*
4: /cgn2_6/ptodata/2/pubppa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/2/pubppa/US07_NEM_PUB.pep.*
6: /cgn2_6/ptodata/2/pubppa/US07_PUBCOMB.pep.*
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9: /cgn2_6/ptodata/2/pubppa/US09_PUBCOMB.pep.*
10: /cgn2_6/ptodata/2/pubppa/US09_PUBCOMB.pep.*
11: /cgn2_6/ptodata/2/pubppa/US10_NEM_PUB.pep.*
12: /cgn2_6/ptodata/2/pubppa/US10_PUBCOMB.pep.*
13: /cgn2_6/ptodata/2/pubppa/US60_NEM_PUB.pep.*
14: /cgn2_6/ptodata/2/pubppa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Length	ID	Description
1	940	65.5	222	9	US-10-091-135-88
2	667	46.4	223	9	US-10-091-135-87
3	344	24.0	255	10	US-09-876-225-2
4	327.5	22.8	245	9	US-10-091-135-86
5	325	22.6	266	10	US-09-876-225-3
6	318	22.1	302	10	US-09-925-301-853
7	301.5	21.0	242	9	US-10-028-072-262
8	301.5	21.0	242	9	US-10-121-049-262
9	301.5	21.0	242	9	US-10-123-904-262
10	301.5	21.0	242	9	US-10-140-470-262
11	301.5	21.0	242	9	US-10-175-746-262
12	301.5	21.0	242	9	US-10-176-918-262
13	301.5	21.0	242	9	US-10-176-921-262
14	301.5	21.0	242	9	US-10-137-865-262
15	301.5	21.0	242	9	US-10-140-474-262
16	301.5	21.0	242	9	US-10-143-431-262
17	301.5	21.0	242	9	US-10-140-002-262
18	301.5	21.0	242	9	US-10-142-419-262
19	301.5	21.0	242	9	US-10-142-419-262

20	295.5	20.6	497	9	US-10-227-884-56	Sequence 56, App1
21	295.5	20.6	497	9	US-10-210-163-56	Sequence 56, App1
22	295.5	20.6	497	9	US-10-218-631-56	Sequence 56, App1
23	293.5	20.6	497	9	US-10-230-338-56	Sequence 56, App1
24	291	20.3	463	9	US-09-905-281A-285	Sequence 285, App
25	291	20.3	463	9	US-09-902-853-285	Sequence 285, App
26	291	20.3	463	9	US-09-907-824-285	Sequence 285, App
27	291	20.3	463	9	US-09-907-841-285	Sequence 285, App
28	291	20.3	463	9	US-09-904-011-285	Sequence 285, App
29	291	20.3	463	9	US-10-028-072-360	Sequence 360, App
30	291	20.3	463	9	US-09-906-742-285	Sequence 285, App
31	291	20.3	463	9	US-10-121-049-360	Sequence 360, App
32	291	20.3	463	9	US-10-123-904-360	Sequence 360, App
33	291	20.3	463	9	US-10-140-470-360	Sequence 360, App
34	291	20.3	463	9	US-09-906-838-285	Sequence 285, App
35	291	20.3	463	9	US-09-907-613-285	Sequence 285, App
36	291	20.3	463	9	US-09-907-942-285	Sequence 285, App
37	291	20.3	463	9	US-10-175-746-360	Sequence 360, App
38	291	20.3	463	9	US-10-176-918-360	Sequence 360, App
39	291	20.3	463	9	US-10-176-921-360	Sequence 360, App
40	291	20.3	463	9	US-10-137-865-360	Sequence 360, App
41	291	20.3	463	9	US-10-140-474-360	Sequence 360, App
42	291	20.3	463	9	US-09-904-820-285	Sequence 285, App
43	291	20.3	463	9	US-09-904-859-285	Sequence 285, App
44	291	20.3	463	9	US-09-909-204-285	Sequence 285, App
45	291	20.3	463	9	US-10-142-431-360	Sequence 360, App

ALIGNMENTS

RESULT 1
US-10-091-135-88
Sequence 88, Application US/10091135
Publication No. US200303039660A1
GENERAL INFORMATION:
APPLICANT: King, Te Pao
TITLE OF INVENTION: SPANGIOT, Michael Dho
TITLE OF INVENTION: RECOMBINANT HYBRID ALLERGEN CONSTRUCTS WITH REDUCED
FILE REFERENCE: 2313/14587-US1
CURRENT APPLICATION NUMBER: US/10/091,135
CURRENT FILING DATE: 2002-03-04
PRIOR APPLICATION NUMBER: US 60/272, 818
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn version 3.1
SEQ ID NO 88
LENGTH: 222
TYPE: PRT
ORGANISM: Homo sapiens
US-10-091-135-88

Query Match 65.5%: Score 940; DB 9; Length 222;

Best Local Similarity 72.5%: Pred. No. 9.4e-80; Mismatches 161; Conservative 25; Mismatches 36; Indels 0; Gaps 0;

QY	37	KDPAFTALLTTTOTQOREIYVKNHLELRVSPANNMLKEMNKEMAAANQMANQCYR	96
DB	1	KDPAFTALLTTLOVOREIYVKNHLELRVSPANNMLKEMNKEMAAANQMANQCYR	60
QY	97	HSNPKDRMTSLKCGENTLYMSAPSMSQAISQMFDEYNDPFGVGPRTPAVAVGYHTOV	156
DB	61	HSPEDRKRKSTRCGENTLYMSDPTSSWSSAIOQMYDEIDFYGVGSPRAVAVGYHTOV	120
QY	157	WYSSYLWGGNMYCPNQVLYKYVVCYCPAGNMMNRLYVEYEGAPFCAACPDNDCLC	216
DB	121	WYSYVGVGGIYVGNQDSLKYVVCYCPAGNMMNRLYVEYEGAPFCAACPDNDCLC	180
QY	217	TNGCKYEDLYSNCKSLKLTILTKHOLVRSCKASCNSNSIT	258
DB	181	TNSCYTDLTSLNCKSLKLTILTKHOLVRSCKASCNSNSIT	222

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RESULT 2
 US-10-091-135-87
 Sequence 87, Application US/10091135
 Publication No. US20030039660A1
 GENERAL INFORMATION:
 APPLICANT: King, Te Piao
 APPLICANT: Spangfort, Michael Dho
 TITLE OF INVENTION: RECOMBINANT HYBRID ALLERGEN CONSTRUCTS WITH REDUCED
 TITLE OF INVENTION: ALLERGENICITY THAT RETAIN IMMUNOGENICITY OF THE NATURAL ALLERGEN
 REFERENCE: 2131/1H587-US1
 CURRENT APPLICATION NUMBER: US/10/091.135
 PRIOR APPLICATION NUMBER: 2002-03-04
 PRIOR FILING DATE: 2001-03-02
 NUMBER OF SEQ ID NOS: 98
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 87
 LENGTH: 223
 TYPE: PRT
 ORGANISM: Heloderma horridum
 US-10-091-135-87

	Query Match	Similarity	46.48	Score 667	DB 9	Length 223
Best local similarity	52.08					
Matches 116	Conservative 30	Mismatches 75	Indels 2	Gaps 2		
QY	36	DKDPAFLATLTOTQOVOREIVYKHNHLELRPAVSPPARNNLKKENKEAANAQKMANQCY	95			
Db	1	ESAPKLPGLMTSNPDQOTETIDKHHNLRRIYEPTASNNLKKMTSSNNIAQNAORSNOCTL	60			
QY	96	RHSNRKDR-WTSLKCGENLYMSSAPSSQAQISQWFEYNDPFDGVPPTPAVYGHYQ	154			
Db	61	EHTSDEERTIDGVEGGNLEFFSSAPITWYSALQNNFEDRKFRFNNGPFAQVVMIGHYQ	120			
QY	155	VVMYSSTLYCGGNAIYCPNQKFLYLYVVCQYCPAGNMANRLVPEEDGAPCASCPCNCDG	214			
Db	121	VVMYSSTLYCGGNAIYCPDQPTKYRYQVOCYCPGGINRSRKTPTYSIGPCDGPACDNG	180			
QY	215	LCITNGCKYEDLYSNCKSLKLTLLTCKHQVLVRSCKASCNCNSI	257			
Db	181	LCITNPKQNDVYNNCPDLKQVCGGHPIMKD-CAYATCKCTEI	222			

```

RESULT 3
US-09-876-225-2
; Sequence 2, Application US/09876225
; Patent No. US20020052025A1
; GENERAL INFORMATION:
; APPLICANT: Baylor College of Medicine
; APPLICANT: Thompson, Timothy C.
; TITLE OF INVENTION: RTV Based Compositions and Methods for the Treatment of Prostate
; FILE REFERENCE: 38594.0027
; CURRENT APPLICATION NUMBER: US/09/876.225
; CURRENT FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/209,989
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-876-225-2

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```

Query Match      24.0%:  Score 344,  DB 10,  Length 255;
Best Local Similarity 33.6%:  P-Id. No. 2, 1e-24;
Matches 88;  Conservative 37;  Mismatches 81;  Indels 56;  Gaps 12.

19 VLEFLVAGLLPSPANEKDKPAFTALL--TTQOVOREIVYKHNELEPRVSPARNMLK 75
   : : : : : : : : : : : : : : : : : : : : : : : : : : : :
3 VILVIVNMASSVSSS-----STPAFLPDITNEDFKICQOVNORLSRSPANNILY 57
   : : : : : : : : : : : : : : : : : : : : : : : : : : : :

```

[illegible]

```

RESULT 4
US-10-091-135-86
: Sequence 86 Application US/10091135
: Publication No US20030039660A1
GENERAL INFORMATION:
APPLICANT: King, Te Piao
APPLICANT: Spangfort, Michael Dho
TITLE OF INVENTION: RECOMBINANT HYBRID ALLERGEN CONSTRUCTS WITH REDUCED
: ALLERGENICITY THAT RETAIN IMMUNOGENICITY OF THE NATURAL ALLE
FILE REFERENCE: 2311/14581-US1
CURRENT APPLICATION NUMBER: US/10/091,135
CURRENT FILING DATE: 2002-03-04
PRIOR APPLICATION NUMBER: US 60/272,818
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn version 3.1
SEQ ID NO 86
LENGTH: 245
TYPE: PRT
:
: ORGANISM: Homo sapiens
:
US-10-091-135-86

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Query Match	22.8%	Score 327.5	DB.9	Length 245.
Best Local Similarity	37.0%	Ped. No. 6,6e-23.		
Matches	78	Conservative	29	Mismatches 63; Indels 41; Gaps 11.

QY	25	AGLSPSPANEDKDPATFALLTTQTQVQRELYNNHNEELRAVSPAPRMKMKMKNEKAA	84
Db	1	ANIIPDI-ENED-----FINDCVRIHNKFRSEVKPASPMDLMTMDALAQ	45
QY	85	NAQKMANOCNTHS--NPDORN---TSLKCGENTLYMSAP-SWSQAQISQWFEYDNDF	136
Db	46	IAKMANSCQSFHNRLKPKHKLHPNFSL--GENTMTGSVPFIETFSASATTNMYDEIDY	103
QY	137	DFGVGPRTNPAVAGHYQVYVWYSSLYLVCGNAYCPNOKLAK-----YYVQCPAGN	189
Db	104	DFKT--RIKKKCGHYQVYVWYVADSYKVCAGVQFP--KVSQFDALSGAHFICNYGPGGN	159
QY	190	WANRLVYVEQAGPASCSPDN--CDQGLCTN	218
Db	160	YPT---WPYKRGATCSACPNNKDCIDNLCNV	187

```

RESULT 5
US-09-876-225-3
: Sequence 3, Application US/09876225
: Patent NO. US20020052025A1
: GENERAL INFORMATION:
: APPLICANT: Baylor College of Medicine
: APPLICANT: Thompson, Timothy C.
: APPLICANT: Ren, Chengzhen
: TITLE OF INVENTION: RVP Based Compositions and Methods for the Treatment of Prosop
: FILE REFERENCE: 38594.0027
: CURRENT APPLICATION NUMBER: US/09/876,225
: CURRENT FILING DATE: 2001-06-08

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; PRIOR APPLICATION NUMBER: US 60/209,989
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patent version 3.1
; SEQ ID NO 3
; LENGTH: 266
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-876-225-3

Query Match      22.6%  Score 325;  DB 10;  Length 266;
Best Local Similarity 34.9%  Pred. No. 1.3e-22;
Matches 81;  Conservative 34;  Mismatches 71;  Indels 46;  Gaps 12;
```

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OY 9 LETTAMTLFPVLLFL-----VAGLLPSFPAEDKDAFTALLTTQTOVOREIYKHNELR 63
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1 HNVTLATIAMVSVFVSNYSHTANILPDI-ENED-----FIKDCVRIHNKFR 45
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
OY 64 RAVSPARNMLKEMNKKAANAOKMANOCYRHS---NPKDRM-----TSIKGGENLYMS 116
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 46 SEVKPTASDMKIMINDPALAQAKAMASNCQFSHTRLKRPKIHPTSL--GENITWG 103
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
OY 117 SAP-SSMSOAIQSMFDEYNDPFGVGRTPRAVYGHYTOVYVSSYLVGCGNAYCPNOXY 175
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 104 SVPLFSVSSAITMWDYDIDYDKT--RICKKVCGHYTOVYVADSYKVCAGVQCP--KV 159
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
OY 176 LKY-----YVCOYCPAGNMNANRLVYPEOGAPCASCPCDN--CDDGLCTN 218
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 160 SGFDALNSGAHFICNTGPGGNPT---WPYKRGATCSACPNNDKCLDNLGVN 208
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
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Result 6
US-09-925-301-853
; Sequence 853 Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCR/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: Patent ver. 2.0
; SEQ ID NO 853
; LENGTH: 302
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (228)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; US-09-925-301-853
```

```

Query Match      22.1%  Score 318;  DB 10;  Length 302;
Best Local Similarity 35.3%  Pred. No. 6.5e-22;
Matches 83;  Conservative 31;  Mismatches 79;  Indels 42;  Gaps 12;
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```

OY 2 KQILHPALETTA-MLEFVLLLVAGLLPSFPAEDKDAFTALLTTQTOVOREIYKHN 60
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 34 RQSMVTLATIAMVSVFVSNYSHTANILPDI-ENED-----FIKDCVRIHN 78
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
OY 61 ELRRAVSPARNMLKEMNKKAANAOKMANOCYRHS---NPKDRM-----TSIKGGENL 113
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 79 KRSEVKPTASDMKIMINDPALAQAKAMASNCQFSHTRLKRPKIHPTSL--GENI 136
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
OY 114 YNSAP-SSMSOAIQSMFDEYNDPFGVGRTPRAVYGHYTOVYVSSYLVGCGNAYCPN 172
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 137 WSGSPFISSVSSAITMWDYDIDYDKT--RICKKVCGHYTOVYVADSYKVCAGVQCP--KV 193
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
```

```

OY 173 OKLYK-----YVCOYCPAGNMNANRLVYPEOGAPCASCPCDN--CDDGLCTN 218
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 194 -KVSFDALNSGAHFICNTGPGGNPT---WPYKRGATCSACPNNDKCLDNLGVN 244
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
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Result 7
US-10-028-072-262
; Sequence 262 Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Flivaaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
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; PRIOR APPLICATION NUMBER: 60/059836
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; PRIOR FILING DATE: 1997-10-27
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PRIOR APPLICATION NUMBER: 60/063550
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PRIOR APPLICATION NUMBER: 60/069694
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PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-22
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
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PRIOR APPLICATION NUMBER: 60/080165
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PRIOR FILING DATE: 1998-04-09
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PRIOR FILING DATE: 1998-04-14
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PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
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PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545

PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090538
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

Query Match 21.0%; Score 301.5; DB 9; Length 242;
Best Local Similarity 35.5%; Pred. No. 1,7e-20;
Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

OY 8 ALETTAMTLFVLLFLVAGLLSPFANEKDPATFALLTTQTOVOREIVNKHNELEBRAVS 67
DB 2 ALKNFSCWITIGCLVATTSKIPS--ITDPHT-----DNCEAHNEMRKVN 49
OY 68 PPARNNLMEKNRKAANAKNANCNTRHSPDRMTSLK-----GENLYNKSAPS 120
DB 50 PPADMKTIWDCGLANAKANANOCKFEHNDCLDK--STKCYAEYVGNIWLGSIKS 107

QY 121 -SMSQAIOISWFEYNDPFGVGPRTNPAVYGHYTOVWYSSYLWGCGNAYCPN-QKVLKY 178
 DB 108 FTPRHAITAMVNETOFYDF--DSLSCSRVCGHYTOLVWANSFYVGCAMCPNLGASTA 165
 QY 179 YVVOYCPAGNMNRLVYPEBOGAPCASC--PDNCDGIC 216
 DB 166 IFVCNYGPAGNFMN--MPPYARGESCSLCSKEKCYKNLC 203

RESULT 8

US-10-121-049-262
 Sequence 262, Application US/10121049
 Publication No. US20030022239A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C17
 CURRENT APPLICATION NUMBER: US/10/121,049
 CURRENT FILING DATE: 2002-04-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-121-049-262

Query Match 21.0%; Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%; Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

QY 8 ALETTAMTLEFPVLLFVAGLLPSFPANEDKDPATFALLTTOQOVOREIVNKHNELRRAVS 67
 DB 2 ALKNKFSCLMILGLCLVATTSKIPS--ITDPHF1-----DNCIEAHNEMRGKVN 49
 QY 68 PPARNMLKEMNKEEAAANOKNANCNTRHSNPKDRMTSLKC-----GENLYSSAPS 120
 DB 50 PPAADMKXKIMDKGLAKAKANANGCKFEHNDCLDK--SYCKAAFEYVGENIMLGIGIKS 107
 QY 121 -SMSQAIOISWFEYNDPFGVGPRTNPAVYGHYTOVWYSSYLWGCGNAYCPN-QKVLKY 178
 DB 108 FTPRHAITAMVNETOFYDF--DSLSCSRVCGHYTOLVWANSFYVGCAMCPNLGASTA 165
 QY 179 YVVOYCPAGNMNRLVYPEBOGAPCASC--PDNCDGIC 216
 DB 166 IFVCNYGPAGNFMN--MPPYARGESCSLCSKEKCYKNLC 203

RESULT 9

US-10-123-904-262
 Sequence 262, Application US/10123904
 Publication No. US20030022328A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen

APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C54
 CURRENT APPLICATION NUMBER: US/10/123,904
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-123-904-262

Query Match 21.0%; Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%; Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

QY 8 ALETTAMTLEFPVLLFVAGLLPSFPANEDKDPATFALLTTOQOVOREIVNKHNELRRAVS 67
 DB 2 ALKNKFSCLMILGLCLVATTSKIPS--ITDPHF1-----DNCIEAHNEMRGKVN 49
 QY 68 PPARNMLKEMNKEEAAANOKNANCNTRHSNPKDRMTSLKC-----GENLYSSAPS 120
 DB 50 PPAADMKXKIMDKGLAKAKANANGCKFEHNDCLDK--SYCKAAFEYVGENIMLGIGIKS 107
 QY 121 -SMSQAIOISWFEYNDPFGVGPRTNPAVYGHYTOVWYSSYLWGCGNAYCPN-QKVLKY 178
 DB 108 FTPRHAITAMVNETOFYDF--DSLSCSRVCGHYTOLVWANSFYVGCAMCPNLGASTA 165
 QY 179 YVVOYCPAGNMNRLVYPEBOGAPCASC--PDNCDGIC 216
 DB 166 IFVCNYGPAGNFMN--MPPYARGESCSLCSKEKCYKNLC 203

RESULT 10

US-10-140-470-262
 Sequence 262, Application US/10140470
 Publication No. US20030022331A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C160
 CURRENT APPLICATION NUMBER: US/10/140,470
 CURRENT FILING DATE: 2002-05-06
 Prior Application removed - See Palm or File wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-470-262

Query Match 21.0%: Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%: Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

QY 8 ALETTAMTLFPVLLFVAGLPSFPANEDKDPATLTTOTOVOREIYNKHNELEBRAVS 67
 DB 2 ALKNFSCMLWIGLCLVATTSKIPS--ITDPHF1-----DNCIEAHNEBRGKVN 49
 QY 68 PPARNMLKMEMNKEAANAKMANOCNTRHSNPKDRMTSLKC-----GENLYMSAPS 120
 DB 50 PPAADMKYIMDKGLAKMAKMANOCKFEHNDCLDK--SYKCYAFAEYVGENIMLGSIKS 107
 QY 121 -SMSQATOSWFEYNDPFCVGPCTPNAVGHYTOVWYSSYLVGCGNAYCPN-QKVLKY 178
 DB 108 FTRPHAITAMNETOFYDF--DSLSCSRVCGHYTOLVWANSFYVGCAYVAMPNIGASTA 165
 QY 179 YVVCYCPAGNMARLTVPEYEGAPCASC--PDNCDGILC 216
 DB 166 IFVCNIGPAGNFAN--MPYARGESCSLCKEKCVCVKNLC 203

RESULT 11

US-10-175-746-262
 Sequence 262, Application US/10175746
 Publication No. US20030027270A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroft, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Geriltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tamas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P330R1C33
 CURRENT APPLICATION NUMBER: US/10/175,746
 CURRENT FILING DATE: 2002-06-19
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-175-746-262

Query Match 21.0%: Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%: Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;
 QY 8 ALETTAMTLFPVLLFVAGLPSFPANEDKDPATLTTOTOVOREIYNKHNELEBRAVS 67
 DB 2 ALKNFSCMLWIGLCLVATTSKIPS--ITDPHF1-----DNCIEAHNEBRGKVN 49

DB 2 ALKNFSCMLWIGLCLVATTSKIPS--ITDPHF1-----DNCIEAHNEBRGKVN 49
 QY 68 PPARNMLKMEMNKEAANAKMANOCNTRHSNPKDRMTSLKC-----GENLYMSAPS 120
 DB 50 PPAADMKYIMDKGLAKMAKMANOCKFEHNDCLDK--SYKCYAFAEYVGENIMLGSIKS 107
 QY 121 -SMSQATOSWFEYNDPFCVGPCTPNAVGHYTOVWYSSYLVGCGNAYCPN-QKVLKY 178
 DB 108 FTRPHAITAMNETOFYDF--DSLSCSRVCGHYTOLVWANSFYVGCAYVAMPNIGASTA 165
 QY 179 YVVCYCPAGNMARLTVPEYEGAPCASC--PDNCDGILC 216
 DB 166 IFVCNIGPAGNFAN--MPYARGESCSLCKEKCVCVKNLC 203

RESULT 12

US-10-176-918-262
 Sequence 262, Application US/10176918
 Publication No. US20030027275A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroft, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Geriltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tamas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P330R1C382
 CURRENT APPLICATION NUMBER: US/10/176,918
 CURRENT FILING DATE: 2002-06-20
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-176-918-262

Query Match 21.0%: Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%: Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

QY 8 ALETTAMTLFPVLLFVAGLPSFPANEDKDPATLTTOTOVOREIYNKHNELEBRAVS 67
 DB 2 ALKNFSCMLWIGLCLVATTSKIPS--ITDPHF1-----DNCIEAHNEBRGKVN 49
 QY 68 PPARNMLKMEMNKEAANAKMANOCNTRHSNPKDRMTSLKC-----GENLYMSAPS 120
 DB 50 PPAADMKYIMDKGLAKMAKMANOCKFEHNDCLDK--SYKCYAFAEYVGENIMLGSIKS 107
 QY 121 -SMSQATOSWFEYNDPFCVGPCTPNAVGHYTOVWYSSYLVGCGNAYCPN-QKVLKY 178
 DB 108 FTRPHAITAMNETOFYDF--DSLSCSRVCGHYTOLVWANSFYVGCAYVAMPNIGASTA 165
 QY 179 YVVCYCPAGNMARLTVPEYEGAPCASC--PDNCDGILC 216
 DB 166 IFVCNIGPAGNFAN--MPYARGESCSLCKEKCVCVKNLC 203

RESULT 13

US-10-176-921-262

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Sequence 262, Application US/10176921
Publication No. US20030027276a1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Deforje, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowsky, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Matanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zhen
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P330301C288
CURRENT APPLICATION NUMBER: US/10/176,921
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Paim
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 262
LENGTH: 242
TYPE: PRT
ORGANISM: Homo Sapien
US-10-176-921-262

```

Query Match	21.0%;	Score 301.5;	DB 9;	Length 242;
Best Local Similarity	35.5%;	Pred. No. 1.7e-20;		
Matches 78; Conservative	31;	Mismatches 82;	Indels 29;	Gaps 9;

[illegible]

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RESULT 14
US-10-137-865-262
; Sequence 262, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Flvatroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Coddard, Audrey
; APPLICANT: Coddowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

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? APPLICANT: Matanabe, Colin K
? APPLICANT: Wood, William
? APPLICANT: Zhang, Zemin
? TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
? FILE REFERENCE: P3330R1C154
? CURRENT APPLICATION NUMBER: US/10/137,865
? CURRENT FILING DATE: 2002-05-03
? PRIOR APPLICATION removed - See Palm or File Wrapper
? NUMBER OF SEQ ID NOS: 550
? SEQ ID NO: 262
? LENGTH: 242
? TYPE: prt
? ORGANISM: Homo Sapien
US-10-137-865-262

Query Match      21.0%   Score 301.5   DB: 9   Length 242;
Best Local Similarity 35.5%   Pred. No. 17e-20;
Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps

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```

Oy      8 ALEETAMTLEFVLLLEFVLAALILSPFPAEDDQAPFATLLTOTQVOREIVAKNHLERAVS 67
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      2 ALKNFSCMLTGLGCLVATTSKIPS - IYDHF I-----DMCIEAHNHRGKVN 49

Oy      68 PPARNKLMEKNKEAANAKQWANCYRHSNPKDRMTSLKC-----GENLYHSAAPS 120
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      50 PRAADMKYIMDKGLAKMKAKANQCKFEHNDCIDK -SYCKAAYFEYGEINMLGIGKS 107

Oy      121 -SHSQALISWDELDNDFDGVGPKPTPNVYGHGTQVYVSSLYGCGNATCPH-QKVLKY 178
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      108 FTFPRRAHTIWMVNETQFEDF -DSLSGCSVSGCHTQLOVMANSSVYGCAVAMCPNLGASTA 165

Oy      179 YVYVCQCPAGNMARLYVEYEGAPCASC--PNDCDGLC 216
      11 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      166 IFVCNTPAGNFAN -MPTVAGSGCSLSLSEKCYKNLC 203

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RESULT 15
US-10-140-474-262
: Sequence 262, Application US/10140474
: Publication No. US20030032156A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Beresini, Maureen
: APPLICANT: DeForge, Laura
: APPLICANT: Desnoyers, Luc
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Gao, Mei-Qiang
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Paul J.
: APPLICANT: Sherwood, Austin L.
: APPLICANT: Sherwood, Steven
: APPLICANT: Smith, Victoria
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Watanabe, Colin K
: APPLICANT: Wood, William
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEOTIDE
: TITLE OF INVENTION: ACIDS ENCODING THE SAME
: FILE REFERENCE: P3330R10163
: CURRENT APPLICATION NUMBER: US/10/140,474
: CURRENT FILING DATE: 2002-05-06
: Prior Application removed - See Palm or File Wrapper
: NUMBER OF SEQ ID NOS: 550
: SEQ ID NO 262
: LENGTH: 242
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-140-474-262

```

Best Local Similarity 35.58, Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;
 OY 8 ALETTAMTLPVLLFLVAGCLFSPANEDKDPATALLTTOVOQREIYVKNHNLRAVS 67
 DB 2 ALKNKFSCLWILGLCLVATTSKIPS--ITDPHF-----DNCIEAHNEMRGKVN 49
 OY 68 PPARMLKMEMNKEAANAOKWANCYVRHSNPKDRSTLKC-----GENLYMSAPS 120
 DB 50 PPAADMKYIMIDGLAKKAKMANOCKFEHNDCLDK--SYKCYAFEYVGENITLGIKS 107
 OY 121 -SNGOAIOSWFDEYNDPFGVGKTPNANVGHITQYVWYSSLYCGGNATCPN-QKYLKY 178
 DB 108 PPRHAIITAMYNETOYDF--DSLSCSRVCGHYTOLWANSFYGCAYAMCPNLGGASTA 165
 OY 179 YVCOYCPAGNMANRLYVPEEGAPCASC--PNCDDGLC 216
 DB 166 IFVCNYGPGAGNFAN--MPPYARGESCSLCSKEEKCYNLC 203

Search completed: March 14, 2003, 05:41:58
 Job time : 19.3596 secs